

WEST Search History

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Hide?	Set Name	Query	Hit Count
	<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI; PLUR=YES; OP=ADJ</i>		
<input type="checkbox"/>	L31	Asp2 AND amyloid	54
<input type="checkbox"/>	L30	L29 AND DTG AND DSG	12
<input type="checkbox"/>	L29	Asp2	170
<input type="checkbox"/>	L28	Asp@	55528
<input type="checkbox"/>	L27	L26 AND Asp2	14
<input type="checkbox"/>	L26	530/300,350.CCLS.	15356
<input type="checkbox"/>	L25	L24 AND Asp2	24
<input type="checkbox"/>	L24	435/7.1,325.CCLS.	20925
<input type="checkbox"/>	L23	Yan-R.IN.	90
<input type="checkbox"/>	L22	Yan.IN.	7184
<input type="checkbox"/>	L21	Yan-Riqiang.IN.	12
<input type="checkbox"/>	L20	Gurney-Mark.IN.	6
<input type="checkbox"/>	L19	Heinrikson-Robert.IN.	0
<input type="checkbox"/>	L18	Parodi-Luis.IN.	0
<input type="checkbox"/>	L17	Parodi-L.IN.	0
<input type="checkbox"/>	L16	Parodi-L-A.IN.	15
<input type="checkbox"/>	L15	Parodi-Luis-A.IN.	17
<input type="checkbox"/>	L14	Parodi.IN.	383
<input type="checkbox"/>	L13	Heinrikson-R.IN.	0
<input type="checkbox"/>	L12	Heinrikson-Bob.IN.	0
<input type="checkbox"/>	L11	Heinrikson-R-L.IN.	12
<input type="checkbox"/>	L10	Heinrikson-Robert-L.IN.	14
<input type="checkbox"/>	L9	Heinrikson.IN.	31
<input type="checkbox"/>	L8	Bienkowski-M.IN.	0
<input type="checkbox"/>	L7	Bienkowski-M-J.IN.	12
<input type="checkbox"/>	L6	Bienkowski-Michael-J.IN.	17
<input type="checkbox"/>	L5	Bienkowski.IN.	51
<input type="checkbox"/>	L4	Gurney-M.IN.	6
<input type="checkbox"/>	L3	Gurney-M-E.IN.	14
<input type="checkbox"/>	L2	Gurney-Mark-E.IN.	22
<input type="checkbox"/>	L1	(Gurney.IN.)	4348

END OF SEARCH HISTORY

h e b b cg b chh e gb f c e c ch

*p2175Xn

N-myristoyltransferase and identification of related tripeptide inhibitors
with mechanism-based antifungal activity.

J Med Chem. 1997 Aug 1;40(16):2609-25.

P ID: 9258368 [PubMed indexed for MEDLINE]

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=> S Asp2
44 FILES SEARCHED...
L1 1465 ASP2

=> DUP REM L1
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PROCESSING IS APPROXIMATELY 98% COMPLETE FOR L1
PROCESSING COMPLETED FOR L1
L2 1085 DUP REM L1 (380 DUPLICATES REMOVED)

=> S L2 AND amyloid
19 FILES SEARCHED...

38 FILES SEARCHED...
63 FILES SEARCHED...
L3 645 L2 AND AMYLOID

=> S L3 AND DTG AND DSG
33 FILES SEARCHED...
63 FILES SEARCHED...
L4 50 L3 AND DTG AND DSG

=> D L4 1-50

L4 ANSWER 1 OF 50 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AAY88441 Protein DGENE
TI New enzyme designated human aspartase useful in research into Alzheimer's
Disease is capable of cleaving ***amyloid*** protein precursor at the
beta secretase site to produce ***amyloid*** beta peptide -
IN Gurney M E; Bienkowski M J; Heinrikson R L; Parodi L A; Yan R
PA (PHAA) PHARMACIA & UPJOHN CO.
PI WO 2000017369 A2 20000330 183p
AI WO 1999-US20881 19990923
PRAI US 1998-101594 19980924
DT Patent
LA English
OS 2000-303209 [26]
DESC Amino acid sequence SEQ ID 34 used in secretase identification.

L4 ANSWER 2 OF 50 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AAY88440 Protein DGENE
TI New enzyme designated human aspartase useful in research into Alzheimer's
Disease is capable of cleaving ***amyloid*** protein precursor at the
beta secretase site to produce ***amyloid*** beta peptide -
IN Gurney M E; Bienkowski M J; Heinrikson R L; Parodi L A; Yan R
PA (PHAA) PHARMACIA & UPJOHN CO.
PI WO 2000017369 A2 20000330 183p
AI WO 1999-US20881 19990923
PRAI US 1998-101594 19980924
DT Patent
LA English
OS 2000-303209 [26]
DESC Amino acid sequence SEQ ID 33 used in secretase identification.

L4 ANSWER 3 OF 50 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AAY88439 Protein DGENE
TI New enzyme designated human aspartase useful in research into Alzheimer's
Disease is capable of cleaving ***amyloid*** protein precursor at the
beta secretase site to produce ***amyloid*** beta peptide -
IN Gurney M E; Bienkowski M J; Heinrikson R L; Parodi L A; Yan R
PA (PHAA) PHARMACIA & UPJOHN CO.
PI WO 2000017369 A2 20000330 183p
AI WO 1999-US20881 19990923
PRAI US 1998-101594 19980924
DT Patent
LA English
OS 2000-303209 [26]
CR N-PSDB: AAA15689
DESC Modified human aspartyl protease 2 (***Asp2***) amino acid sequence.

L4 ANSWER 4 OF 50 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AAY88438 Protein DGENE
TI New enzyme designated human aspartase useful in research into Alzheimer's
Disease is capable of cleaving ***amyloid*** protein precursor at the
beta secretase site to produce ***amyloid*** beta peptide -
IN Gurney M E; Bienkowski M J; Heinrikson R L; Parodi L A; Yan R
PA (PHAA) PHARMACIA & UPJOHN CO.
PI WO 2000017369 A2 20000330 183p
AI WO 1999-US20881 19990923
PRAI US 1998-101594 19980924
DT Patent
LA English
OS 2000-303209 [26]
CR N-PSDB: AAA15688
DESC Modified human aspartyl protease 2 (***Asp2***) amino acid sequence.

L4 ANSWER 5 OF 50 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AAY88437 Protein DGENE
TI New enzyme designated human aspartase useful in research into Alzheimer's

Disease is capable of cleaving ***amyloid*** protein precursor at the
 beta secretase site to produce ***amyloid*** beta peptide -
 IN Gurney M E; Bienkowski M J; Heinrikson R L; Parodi L A; Yan R
 PA (PHAA) PHARMACIA & UPJOHN CO.
 PI WO 2000017369 A2 20000330 183p
 AI WO 1999-US20881 19990923
 PRAI US 1998-101594 19980924
 DT Patent
 LA English
 OS 2000-303209 [26]
 CR N-PSDB: AAA15677
 DESC Human ***Asp2*** amino acid sequence containing proteolytic cleavage site.

L4 ANSWER 6 OF 50 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAY88436 Protein DGENE
 TI New enzyme designated human aspartase useful in research into Alzheimer's
 Disease is capable of cleaving ***amyloid*** protein precursor at the
 beta secretase site to produce ***amyloid*** beta peptide -
 IN Gurney M E; Bienkowski M J; Heinrikson R L; Parodi L A; Yan R
 PA (PHAA) PHARMACIA & UPJOHN CO.
 PI WO 2000017369 A2 20000330 183p
 AI WO 1999-US20881 19990923
 PRAI US 1998-101594 19980924
 DT Patent
 LA English
 OS 2000-303209 [26]
 CR N-PSDB: AAA15676
 DESC Human APP695-VF amino acid sequence.

L4 ANSWER 7 OF 50 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAY88435 Protein DGENE
 TI New enzyme designated human aspartase useful in research into Alzheimer's
 Disease is capable of cleaving ***amyloid*** protein precursor at the
 beta secretase site to produce ***amyloid*** beta peptide -
 IN Gurney M E; Bienkowski M J; Heinrikson R L; Parodi L A; Yan R
 PA (PHAA) PHARMACIA & UPJOHN CO.
 PI WO 2000017369 A2 20000330 183p
 AI WO 1999-US20881 19990923
 PRAI US 1998-101594 19980924
 DT Patent
 LA English
 OS 2000-303209 [26]
 CR N-PSDB: AAA15672
 DESC Human APP695-sw variant amino acid sequence.

L4 ANSWER 8 OF 50 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAY88434 Protein DGENE
 TI New enzyme designated human aspartase useful in research into Alzheimer's
 Disease is capable of cleaving ***amyloid*** protein precursor at the
 beta secretase site to produce ***amyloid*** beta peptide -
 IN Gurney M E; Bienkowski M J; Heinrikson R L; Parodi L A; Yan R
 PA (PHAA) PHARMACIA & UPJOHN CO.
 PI WO 2000017369 A2 20000330 183p
 AI WO 1999-US20881 19990923
 PRAI US 1998-101594 19980924
 DT Patent
 LA English
 OS 2000-303209 [26]
 CR N-PSDB: AAY88434
 DESC Human APP695 amino acid sequence.

L4 ANSWER 9 OF 50 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAY88433 Protein DGENE
 TI New enzyme designated human aspartase useful in research into Alzheimer's
 Disease is capable of cleaving ***amyloid*** protein precursor at the
 beta secretase site to produce ***amyloid*** beta peptide -
 IN Gurney M E; Bienkowski M J; Heinrikson R L; Parodi L A; Yan R
 PA (PHAA) PHARMACIA & UPJOHN CO.
 PI WO 2000017369 A2 20000330 183p
 AI WO 1999-US20881 19990923
 PRAI US 1998-101594 19980924
 DT Patent
 LA English
 OS 2000-303209 [26]
 CR N-PSDB: AAA15670

DESC Human-pro-Asp-2(a)-deltaTM amino acid sequence.

L4 ANSWER 10 OF 50 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AAY88432 Protein DGENE
TI New enzyme designated human aspartase useful in research into Alzheimer's
Disease is capable of cleaving ***amyloid*** protein precursor at the
beta secretase site to produce ***amyloid*** beta peptide -
IN Gurney M E; Bienkowski M J; Heinrikson R L; Parodi L A; Yan R
PA (PHAA) PHARMACIA & UPJOHN CO.
PI WO 2000017369 A2 20000330 183p
AI WO 1999-US20881 19990923
PRAI US 1998-101594 19980924
DT Patent
LA English
OS 2000-303209 [26]
CR N-PSDB: AAA15669
DESC T7-caspase-human-pro-Asp-2(a)-deltaTM amino acid sequence.

L4 ANSWER 11 OF 50 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AAY88431 Protein DGENE
TI New enzyme designated human aspartase useful in research into Alzheimer's
Disease is capable of cleaving ***amyloid*** protein precursor at the
beta secretase site to produce ***amyloid*** beta peptide -
IN Gurney M E; Bienkowski M J; Heinrikson R L; Parodi L A; Yan R
PA (PHAA) PHARMACIA & UPJOHN CO.
PI WO 2000017369 A2 20000330 183p
AI WO 1999-US20881 19990923
PRAI US 1998-101594 19980924
DT Patent
LA English
OS 2000-303209 [26]
CR N-PSDB: AAA15668
DESC T7-caspase-human-pro-Asp-2(a)-deltaTM amino acid sequence.

L4 ANSWER 12 OF 50 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AAY88430 Protein DGENE
TI New enzyme designated human aspartase useful in research into Alzheimer's
Disease is capable of cleaving ***amyloid*** protein precursor at the
beta secretase site to produce ***amyloid*** beta peptide -
IN Gurney M E; Bienkowski M J; Heinrikson R L; Parodi L A; Yan R
PA (PHAA) PHARMACIA & UPJOHN CO.
PI WO 2000017369 A2 20000330 183p
AI WO 1999-US20881 19990923
PRAI US 1998-101594 19980924
DT Patent
LA English
OS 2000-303209 [26]
CR N-PSDB: AAA15667
DESC Human APP695-VF-KK amino acid sequence.

L4 ANSWER 13 OF 50 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AAY88429 Protein DGENE
TI New enzyme designated human aspartase useful in research into Alzheimer's
Disease is capable of cleaving ***amyloid*** protein precursor at the
beta secretase site to produce ***amyloid*** beta peptide -
IN Gurney M E; Bienkowski M J; Heinrikson R L; Parodi L A; Yan R
PA (PHAA) PHARMACIA & UPJOHN CO.
PI WO 2000017369 A2 20000330 183p
AI WO 1999-US20881 19990923
PRAI US 1998-101594 19980924
DT Patent
LA English
OS 2000-303209 [26]
CR N-PSDB: AAA15666
DESC Human APPSW-KK amino acid sequence.

L4 ANSWER 14 OF 50 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AAY88428 Protein DGENE
TI New enzyme designated human aspartase useful in research into Alzheimer's
Disease is capable of cleaving ***amyloid*** protein precursor at the
beta secretase site to produce ***amyloid*** beta peptide -
IN Gurney M E; Bienkowski M J; Heinrikson R L; Parodi L A; Yan R
PA (PHAA) PHARMACIA & UPJOHN CO.
PI WO 2000017369 A2 20000330 183p
AI WO 1999-US20881 19990923
PRAI US 1998-101594 19980924

DT Patent
LA English
OS 2000-303209 [26]
CR N-PSDB: AAA15665
DESC Human APP696-KK amino acid sequence.

L4 ANSWER 15 OF 50 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AAY88427 Protein DGENE
TI New enzyme designated human aspartase useful in research into Alzheimer's
Disease is capable of cleaving ***amyloid*** protein precursor at the
beta secretase site to produce ***amyloid*** beta peptide -
IN Gurney M E; Bienkowski M J; Heinrikson R L; Parodi L A; Yan R
PA (PHAA) PHARMACIA & UPJOHN CO.
PI WO 2000017369 A2 20000330 183p
AI WO 1999-US20881 19990923
PRAI US 1998-101594 19980924
DT Patent
LA English
OS 2000-303209 [26]
CR N-PSDB: AAA15664
DESC Murine aspartyl protease 2 (a) (***Asp2***) amino acid sequence.

L4 ANSWER 16 OF 50 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AAY88426 Protein DGENE
TI New enzyme designated human aspartase useful in research into Alzheimer's
Disease is capable of cleaving ***amyloid*** protein precursor at the
beta secretase site to produce ***amyloid*** beta peptide -
IN Gurney M E; Bienkowski M J; Heinrikson R L; Parodi L A; Yan R
PA (PHAA) PHARMACIA & UPJOHN CO.
PI WO 2000017369 A2 20000330 183p
AI WO 1999-US20881 19990923
PRAI US 1998-101594 19980924
DT Patent
LA English
OS 2000-303209 [26]
CR N-PSDB: AAA15663
DESC Human aspartyl protease 2 (b) (***Asp2***) amino acid sequence.

L4 ANSWER 17 OF 50 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AAY88425 Protein DGENE
TI New enzyme designated human aspartase useful in research into Alzheimer's
Disease is capable of cleaving ***amyloid*** protein precursor at the
beta secretase site to produce ***amyloid*** beta peptide -
IN Gurney M E; Bienkowski M J; Heinrikson R L; Parodi L A; Yan R
PA (PHAA) PHARMACIA & UPJOHN CO.
PI WO 2000017369 A2 20000330 183p
AI WO 1999-US20881 19990923
PRAI US 1998-101594 19980924
DT Patent
LA English
OS 2000-303209 [26]
CR N-PSDB: AAA15662
DESC Human aspartyl protease 2 (a) (***Asp2***) amino acid sequence.

L4 ANSWER 18 OF 50 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AAA15692 DNA DGENE
TI New enzyme designated human aspartase useful in research into Alzheimer's
Disease is capable of cleaving ***amyloid*** protein precursor at the
beta secretase site to produce ***amyloid*** beta peptide -
IN Gurney M E; Bienkowski M J; Heinrikson R L; Parodi L A; Yan R
PA (PHAA) PHARMACIA & UPJOHN CO.
PI WO 2000017369 A2 20000330 183p
AI WO 1999-US20881 19990923
PRAI US 1998-101594 19980924
DT Patent
LA English
OS 2000-303209 [26]
DESC Nucleotide sequence used in APP modification.

L4 ANSWER 19 OF 50 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AAA15691 DNA DGENE
TI New enzyme designated human aspartase useful in research into Alzheimer's
Disease is capable of cleaving ***amyloid*** protein precursor at the
beta secretase site to produce ***amyloid*** beta peptide -
IN Gurney M E; Bienkowski M J; Heinrikson R L; Parodi L A; Yan R
PA (PHAA) PHARMACIA & UPJOHN CO.

PI WO 2000017369 A2 20000330 183p
AI WO 1999-US20881 19990923
PRAI US 1998-101594 19980924
DT Patent
LA English
OS 2000-303209 [26]
DESC Nucleotide sequence used in APP modification.

L4 ANSWER 20 OF 50 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AAA15690 DNA DGENE
TI New enzyme designated human aspartase useful in research into Alzheimer's
Disease is capable of cleaving ***amyloid*** protein precursor at the
beta secretase site to produce ***amyloid*** beta peptide -
IN Gurney M E; Bienkowski M J; Heinrikson R L; Parodi L A; Yan R
PA (PHAA) PHARMACIA & UPJOHN CO.
PI WO 2000017369 A2 20000330 183p
AI WO 1999-US20881 19990923
PRAI US 1998-101594 19980924
DT Patent
LA English
OS 2000-303209 [26]
DESC Nucleotide sequence used in APP modification.

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AN AAA15689 cDNA DGENE
TI New enzyme designated human aspartase useful in research into Alzheimer's
Disease is capable of cleaving ***amyloid*** protein precursor at the
beta secretase site to produce ***amyloid*** beta peptide -
IN Gurney M E; Bienkowski M J; Heinrikson R L; Parodi L A; Yan R
PA (PHAA) PHARMACIA & UPJOHN CO.
PI WO 2000017369 A2 20000330 183p
AI WO 1999-US20881 19990923
PRAI US 1998-101594 19980924
DT Patent
LA English
OS 2000-303209 [26]
CR P-PSDB: AAY88439
DESC Modified human aspartyl protease 2 (***Asp2***) nucleotide sequence.

L4 ANSWER 22 OF 50 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AAA15688 cDNA DGENE
TI New enzyme designated human aspartase useful in research into Alzheimer's
Disease is capable of cleaving ***amyloid*** protein precursor at the
beta secretase site to produce ***amyloid*** beta peptide -
IN Gurney M E; Bienkowski M J; Heinrikson R L; Parodi L A; Yan R
PA (PHAA) PHARMACIA & UPJOHN CO.
PI WO 2000017369 A2 20000330 183p
AI WO 1999-US20881 19990923
PRAI US 1998-101594 19980924
DT Patent
LA English
OS 2000-303209 [26]
CR P-PSDB: AAY88438
DESC Modified human aspartyl protease 2 (***Asp2***) nucleotide sequence.

L4 ANSWER 23 OF 50 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AAA15687 DNA DGENE
TI New enzyme designated human aspartase useful in research into Alzheimer's
Disease is capable of cleaving ***amyloid*** protein precursor at the
beta secretase site to produce ***amyloid*** beta peptide -
IN Gurney M E; Bienkowski M J; Heinrikson R L; Parodi L A; Yan R
PA (PHAA) PHARMACIA & UPJOHN CO.
PI WO 2000017369 A2 20000330 183p
AI WO 1999-US20881 19990923
PRAI US 1998-101594 19980924
DT Patent
LA English
OS 2000-303209 [26]
DESC Nucleotide sequence encoding a histidine tag.

L4 ANSWER 24 OF 50 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AAA15686 DNA DGENE
TI New enzyme designated human aspartase useful in research into Alzheimer's
Disease is capable of cleaving ***amyloid*** protein precursor at the
beta secretase site to produce ***amyloid*** beta peptide -
IN Gurney M E; Bienkowski M J; Heinrikson R L; Parodi L A; Yan R

PA (PHAA) PHARMACIA & UPJOHN CO.
 PI WO 2000017369 A2 20000330 183p
 AI WO 1999-US20881 19990923
 PRAI US 1998-101594 19980924
 DT Patent
 LA English
 OS 2000-303209 [26]
 DESC PCR primer for amplification of human aspartase 2 (***Asp2***).

L4 ANSWER 25 OF 50 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAA15685 DNA DGENE
 TI New enzyme designated human aspartase useful in research into Alzheimer's Disease is capable of cleaving ***amyloid*** protein precursor at the beta secretase site to produce ***amyloid*** beta peptide -
 IN Gurney M E; Bienkowski M J; Heinrikson R L; Parodi L A; Yan R
 PA (PHAA) PHARMACIA & UPJOHN CO.
 PI WO 2000017369 A2 20000330 183p
 AI WO 1999-US20881 19990923
 PRAI US 1998-101594 19980924
 DT Patent
 LA English
 OS 2000-303209 [26]
 DESC PCR primer for amplification of human aspartase 2 (***Asp2***).

L4 ANSWER 26 OF 50 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAA15684 DNA DGENE
 TI New enzyme designated human aspartase useful in research into Alzheimer's Disease is capable of cleaving ***amyloid*** protein precursor at the beta secretase site to produce ***amyloid*** beta peptide -
 IN Gurney M E; Bienkowski M J; Heinrikson R L; Parodi L A; Yan R
 PA (PHAA) PHARMACIA & UPJOHN CO.
 PI WO 2000017369 A2 20000330 183p
 AI WO 1999-US20881 19990923
 PRAI US 1998-101594 19980924
 DT Patent
 LA English
 OS 2000-303209 [26]
 DESC Caspase 8 cleavage sequence.

L4 ANSWER 27 OF 50 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAA15683 DNA DGENE
 TI New enzyme designated human aspartase useful in research into Alzheimer's Disease is capable of cleaving ***amyloid*** protein precursor at the beta secretase site to produce ***amyloid*** beta peptide -
 IN Gurney M E; Bienkowski M J; Heinrikson R L; Parodi L A; Yan R
 PA (PHAA) PHARMACIA & UPJOHN CO.
 PI WO 2000017369 A2 20000330 183p
 AI WO 1999-US20881 19990923
 PRAI US 1998-101594 19980924
 DT Patent
 LA English
 OS 2000-303209 [26]
 DESC Caspase 8 cleavage sequence.

L4 ANSWER 28 OF 50 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAA15682 DNA DGENE
 TI New enzyme designated human aspartase useful in research into Alzheimer's Disease is capable of cleaving ***amyloid*** protein precursor at the beta secretase site to produce ***amyloid*** beta peptide -
 IN Gurney M E; Bienkowski M J; Heinrikson R L; Parodi L A; Yan R
 PA (PHAA) PHARMACIA & UPJOHN CO.
 PI WO 2000017369 A2 20000330 183p
 AI WO 1999-US20881 19990923
 PRAI US 1998-101594 19980924
 DT Patent
 LA English
 OS 2000-303209 [26]
 DESC Linker used in hu- ***Asp2*** identification.

L4 ANSWER 29 OF 50 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAA15681 DNA DGENE
 TI New enzyme designated human aspartase useful in research into Alzheimer's Disease is capable of cleaving ***amyloid*** protein precursor at the beta secretase site to produce ***amyloid*** beta peptide -
 IN Gurney M E; Bienkowski M J; Heinrikson R L; Parodi L A; Yan R
 PA (PHAA) PHARMACIA & UPJOHN CO.

PI WO 2000017369 A2 20000330 183p
 AI WO 1999-US20881 19990923
 PRAI US 1998-101594 19980924
 DT Patent
 LA English
 OS 2000-303209 [26]
 DESC Caspase 8 leader sequence oligonucleotide.

L4 ANSWER 30 OF 50 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAA15680 DNA DGENE
 TI New enzyme designated human aspartase useful in research into Alzheimer's Disease is capable of cleaving ***amyloid*** protein precursor at the beta secretase site to produce ***amyloid*** beta peptide -
 IN Gurney M E; Bienkowski M J; Heinrikson R L; Parodi L A; Yan R
 PA (PHAA) PHARMACIA & UPJOHN CO.
 PI WO 2000017369 A2 20000330 183p
 AI WO 1999-US20881 19990923
 PRAI US 1998-101594 19980924
 DT Patent
 LA English
 OS 2000-303209 [26]
 DESC Caspase 8 leader sequence oligonucleotide.

L4 ANSWER 31 OF 50 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAA15679 DNA DGENE
 TI New enzyme designated human aspartase useful in research into Alzheimer's Disease is capable of cleaving ***amyloid*** protein precursor at the beta secretase site to produce ***amyloid*** beta peptide -
 IN Gurney M E; Bienkowski M J; Heinrikson R L; Parodi L A; Yan R
 PA (PHAA) PHARMACIA & UPJOHN CO.
 PI WO 2000017369 A2 20000330 183p
 AI WO 1999-US20881 19990923
 PRAI US 1998-101594 19980924
 DT Patent
 LA English
 OS 2000-303209 [26]
 DESC PCR primer for amplification of human aspartase 2 (***Asp2***).

L4 ANSWER 32 OF 50 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAA15678 DNA DGENE
 TI New enzyme designated human aspartase useful in research into Alzheimer's Disease is capable of cleaving ***amyloid*** protein precursor at the beta secretase site to produce ***amyloid*** beta peptide -
 IN Gurney M E; Bienkowski M J; Heinrikson R L; Parodi L A; Yan R
 PA (PHAA) PHARMACIA & UPJOHN CO.
 PI WO 2000017369 A2 20000330 183p
 AI WO 1999-US20881 19990923
 PRAI US 1998-101594 19980924
 DT Patent
 LA English
 OS 2000-303209 [26]
 DESC PCR primer for amplification of human aspartase 2 (***Asp2***).

L4 ANSWER 33 OF 50 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAA15677 DNA DGENE
 TI New enzyme designated human aspartase useful in research into Alzheimer's Disease is capable of cleaving ***amyloid*** protein precursor at the beta secretase site to produce ***amyloid*** beta peptide -
 IN Gurney M E; Bienkowski M J; Heinrikson R L; Parodi L A; Yan R
 PA (PHAA) PHARMACIA & UPJOHN CO.
 PI WO 2000017369 A2 20000330 183p
 AI WO 1999-US20881 19990923
 PRAI US 1998-101594 19980924
 DT Patent
 LA English
 OS 2000-303209 [26]
 CR P-PSDB: AAY88437
 DESC Human ***Asp2*** nucleotide sequence containing proteolytic cleavage site.

L4 ANSWER 34 OF 50 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAA15676 DNA DGENE
 TI New enzyme designated human aspartase useful in research into Alzheimer's Disease is capable of cleaving ***amyloid*** protein precursor at the beta secretase site to produce ***amyloid*** beta peptide -
 IN Gurney M E; Bienkowski M J; Heinrikson R L; Parodi L A; Yan R

PA (PHAA) PHARMACIA & UPJOHN CO.
 PI WO 2000017369 A2 20000330 183p
 AI WO 1999-US20881 19990923
 PRAI US 1998-101594 19980924
 DT Patent
 LA English
 OS 2000-303209 [26]
 CR P-PSDB: AAY88436
 DESC Human APP695-VF nucleotide sequence.

L4 ANSWER 35 OF 50 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAA15675 DNA DGENE
 TI New enzyme designated human aspartase useful in research into Alzheimer's Disease is capable of cleaving ***amyloid*** protein precursor at the beta secretase site to produce ***amyloid*** beta peptide -
 IN Gurney M E; Bienkowski M J; Heinrikson R L; Parodi L A; Yan R
 PA (PHAA) PHARMACIA & UPJOHN CO.
 PI WO 2000017369 A2 20000330 183p
 AI WO 1999-US20881 19990923
 PRAI US 1998-101594 19980924
 DT Patent
 LA English
 OS 2000-303209 [26]
 DESC Primer #275 used for the modification of APP695.

L4 ANSWER 36 OF 50 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAA15674 DNA DGENE
 TI New enzyme designated human aspartase useful in research into Alzheimer's Disease is capable of cleaving ***amyloid*** protein precursor at the beta secretase site to produce ***amyloid*** beta peptide -
 IN Gurney M E; Bienkowski M J; Heinrikson R L; Parodi L A; Yan R
 PA (PHAA) PHARMACIA & UPJOHN CO.
 PI WO 2000017369 A2 20000330 183p
 AI WO 1999-US20881 19990923
 PRAI US 1998-101594 19980924
 DT Patent
 LA English
 OS 2000-303209 [26]
 DESC Primer #274 used for the modification of APP695.

L4 ANSWER 37 OF 50 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAA15673 DNA DGENE
 TI New enzyme designated human aspartase useful in research into Alzheimer's Disease is capable of cleaving ***amyloid*** protein precursor at the beta secretase site to produce ***amyloid*** beta peptide -
 IN Gurney M E; Bienkowski M J; Heinrikson R L; Parodi L A; Yan R
 PA (PHAA) PHARMACIA & UPJOHN CO.
 PI WO 2000017369 A2 20000330 183p
 AI WO 1999-US20881 19990923
 PRAI US 1998-101594 19980924
 DT Patent
 LA English
 OS 2000-303209 [26]
 DESC Primer #276 used for the modification of APP695.

L4 ANSWER 38 OF 50 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAA15672 DNA DGENE
 TI New enzyme designated human aspartase useful in research into Alzheimer's Disease is capable of cleaving ***amyloid*** protein precursor at the beta secretase site to produce ***amyloid*** beta peptide -
 IN Gurney M E; Bienkowski M J; Heinrikson R L; Parodi L A; Yan R
 PA (PHAA) PHARMACIA & UPJOHN CO.
 PI WO 2000017369 A2 20000330 183p
 AI WO 1999-US20881 19990923
 PRAI US 1998-101594 19980924
 DT Patent
 LA English
 OS 2000-303209 [26]
 CR P-PSDB: AAY88435
 DESC Human APP695-sw variant nucleotide sequence.

L4 ANSWER 39 OF 50 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAA15671 DNA DGENE
 TI New enzyme designated human aspartase useful in research into Alzheimer's Disease is capable of cleaving ***amyloid*** protein precursor at the beta secretase site to produce ***amyloid*** beta peptide -

IN Gurney M E; Bienkowski M J; Heinrikson R L; Parodi L A; Yan R
PA (PHAA) PHARMACIA & UPJOHN CO.
PI WO 2000017369 A2 20000330 183p
AI WO 1999-US20881 19990923
PRAI US 1998-101594 19980924
DT Patent
LA English
OS 2000-303209 [26]
CR P-PSDB: AAY88434
DESC Human APP695 nucleotide sequence.

L4 ANSWER 40 OF 50 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AAA15670 DNA DGENE
TI New enzyme designated human aspartase useful in research into Alzheimer's
Disease is capable of cleaving ***amyloid*** protein precursor at the
beta secretase site to produce ***amyloid*** beta peptide -
IN Gurney M E; Bienkowski M J; Heinrikson R L; Parodi L A; Yan R
PA (PHAA) PHARMACIA & UPJOHN CO.
PI WO 2000017369 A2 20000330 183p
AI WO 1999-US20881 19990923
PRAI US 1998-101594 19980924
DT Patent
LA English
OS 2000-303209 [26]
CR P-PSDB: AAY88433
DESC Human-pro-Asp-2(a)-deltaTM nucleotide sequence.

L4 ANSWER 41 OF 50 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AAA15669 DNA DGENE
TI New enzyme designated human aspartase useful in research into Alzheimer's
Disease is capable of cleaving ***amyloid*** protein precursor at the
beta secretase site to produce ***amyloid*** beta peptide -
IN Gurney M E; Bienkowski M J; Heinrikson R L; Parodi L A; Yan R
PA (PHAA) PHARMACIA & UPJOHN CO.
PI WO 2000017369 A2 20000330 183p
AI WO 1999-US20881 19990923
PRAI US 1998-101594 19980924
DT Patent
LA English
OS 2000-303209 [26]
CR P-PSDB: AAY88432
DESC T7-caspase-human-pro-Asp-2(a)-deltaTM nucleotide sequence.

L4 ANSWER 42 OF 50 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AAA15668 DNA DGENE
TI New enzyme designated human aspartase useful in research into Alzheimer's
Disease is capable of cleaving ***amyloid*** protein precursor at the
beta secretase site to produce ***amyloid*** beta peptide -
IN Gurney M E; Bienkowski M J; Heinrikson R L; Parodi L A; Yan R
PA (PHAA) PHARMACIA & UPJOHN CO.
PI WO 2000017369 A2 20000330 183p
AI WO 1999-US20881 19990923
PRAI US 1998-101594 19980924
DT Patent
LA English
OS 2000-303209 [26]
CR P-PSDB: AAY88431
DESC T7-caspase-human-pro-Asp-2(a)-deltaTM nucleotide sequence.

L4 ANSWER 43 OF 50 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AAA15667 DNA DGENE
TI New enzyme designated human aspartase useful in research into Alzheimer's
Disease is capable of cleaving ***amyloid*** protein precursor at the
beta secretase site to produce ***amyloid*** beta peptide -
IN Gurney M E; Bienkowski M J; Heinrikson R L; Parodi L A; Yan R
PA (PHAA) PHARMACIA & UPJOHN CO.
PI WO 2000017369 A2 20000330 183p
AI WO 1999-US20881 19990923
PRAI US 1998-101594 19980924
DT Patent
LA English
OS 2000-303209 [26]
CR P-PSDB: AAY88430
DESC Human APP695-VF-KK nucleotide sequence.

L4 ANSWER 44 OF 50 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN

AN AAA15666 cDNA DGENE
TI New enzyme designated human aspartase useful in research into Alzheimer's
Disease is capable of cleaving ***amyloid*** protein precursor at the
beta secretase site to produce ***amyloid*** beta peptide -
IN Gurney M E; Bienkowski M J; Heinrikson R L; Parodi L A; Yan R
PA (PHAA) PHARMACIA & UPJOHN CO.
PI WO 2000017369 A2 20000330 183p
AI WO 1999-US20881 19990923
PRAI US 1998-101594 19980924
DT Patent
LA English
OS 2000-303209 [26]
CR P-PSDB: AAY88429
DESC Human APPSW-KK nucleotide sequence.

L4 ANSWER 45 OF 50 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AAA15665 cDNA DGENE
TI New enzyme designated human aspartase useful in research into Alzheimer's
Disease is capable of cleaving ***amyloid*** protein precursor at the
beta secretase site to produce ***amyloid*** beta peptide -
IN Gurney M E; Bienkowski M J; Heinrikson R L; Parodi L A; Yan R
PA (PHAA) PHARMACIA & UPJOHN CO.
PI WO 2000017369 A2 20000330 183p
AI WO 1999-US20881 19990923
PRAI US 1998-101594 19980924
DT Patent
LA English
OS 2000-303209 [26]
CR P-PSDB: AAY88428
DESC Human APP696-KK nucleotide sequence.

L4 ANSWER 46 OF 50 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AAA15664 DNA DGENE
TI New enzyme designated human aspartase useful in research into Alzheimer's
Disease is capable of cleaving ***amyloid*** protein precursor at the
beta secretase site to produce ***amyloid*** beta peptide -
IN Gurney M E; Bienkowski M J; Heinrikson R L; Parodi L A; Yan R
PA (PHAA) PHARMACIA & UPJOHN CO.
PI WO 2000017369 A2 20000330 183p
AI WO 1999-US20881 19990923
PRAI US 1998-101594 19980924
DT Patent
LA English
OS 2000-303209 [26]
CR P-PSDB: AAY88427
DESC Murine aspartyl protease 2 (a) (***Asp2***) nucleotide sequence.

L4 ANSWER 47 OF 50 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AAA15663 cDNA DGENE
TI New enzyme designated human aspartase useful in research into Alzheimer's
Disease is capable of cleaving ***amyloid*** protein precursor at the
beta secretase site to produce ***amyloid*** beta peptide -
IN Gurney M E; Bienkowski M J; Heinrikson R L; Parodi L A; Yan R
PA (PHAA) PHARMACIA & UPJOHN CO.
PI WO 2000017369 A2 20000330 183p
AI WO 1999-US20881 19990923
PRAI US 1998-101594 19980924
DT Patent
LA English
OS 2000-303209 [26]
CR P-PSDB: AAY88426
DESC Human aspartyl protease 2 (b) (***Asp2***) nucleotide sequence.

L4 ANSWER 48 OF 50 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AAA15662 cDNA DGENE
TI New enzyme designated human aspartase useful in research into Alzheimer's
Disease is capable of cleaving ***amyloid*** protein precursor at the
beta secretase site to produce ***amyloid*** beta peptide -
IN Gurney M E; Bienkowski M J; Heinrikson R L; Parodi L A; Yan R
PA (PHAA) PHARMACIA & UPJOHN CO.
PI WO 2000017369 A2 20000330 183p
AI WO 1999-US20881 19990923
PRAI US 1998-101594 19980924
DT Patent
LA English
OS 2000-303209 [26]

CR P-PSDB: AAY88425
DESC Human aspartyl protease 2 (a) (***Asp2***) nucleotide sequence.

L4 ANSWER 49 OF 50 USPATFULL on STN
AN 2004:7456 USPATFULL
TI Modified BACE
IN Chou, Kuo-Chen, Kalamazoo, MI, UNITED STATES
Howe, W. Jeffrey, Kalamazoo, MI, UNITED STATES
PI US 2004005691 A1 20040108
AI US 2003-372473 A1 20030221 (10)
PRAI US 2002-358651P 20020221 (60)
DT Utility
FS APPLICATION
LN.CNT 1502
INCL INCLM: 435/226.000
INCLS: 424/094.640; 435/069.100; 435/320.100; 435/325.000; 435/252.330;
536/023.200
NCL NCLM: 435/226.000
NCLS: 424/094.640; 435/069.100; 435/320.100; 435/325.000; 435/252.330;
536/023.200
IC [7]
ICM: C12N009-64
ICS: A61K038-48; C07H021-04; C12P021-02; C12N005-06
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 50 OF 50 USPATFULL on STN
AN 2002:175286 USPATFULL
TI Alzheimer's disease secretase, APP substrates therefor, and uses thereof
IN Gurney, Mark E., Grand Rapids, MI, United States
Bienkowski, Michael J., Portage, MI, United States
Heinrikson, Robert L., Plainwell, MI, United States
Parodi, Luis A., Stockholm, SWEDEN
Yan, Riqiang, Kalamazoo, MI, United States
PA Pharmacia & Upjohn Company, Kalamazoo, MI, United States (U.S.
corporation)
PI US 6420534 B1 20020716
AI US 2000-548372 20000412 (9)
RLI Division of Ser. No. US 1999-416901, filed on 13 Oct 1999
Continuation-in-part of Ser. No. US 1999-404133, filed on 23 Sep 1999
Continuation-in-part of Ser. No. WO 1999-US20881, filed on 23 Sep 1999
PRAI US 1999-155493P 19990923 (60)
US 1998-101594P 19980924 (60)
DT Utility
FS GRANTED
LN.CNT 5653
INCL INCLM: 530/827.000
INCLS: 530/350.000; 435/023.000; 435/024.000
NCL NCLM: 435/226.000
NCLS: 435/023.000; 435/024.000; 435/069.100; 530/350.000
IC [7]
ICM: C07K001-00
ICS: C07K014-00; C07K017-00; C12Q001-37
EXF 530/300; 530/350; 530/827; 435/23; 435/24
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> S APP OR amyloid-precursor-protein
12 FILES SEARCHED...
22 FILES SEARCHED...
30 FILES SEARCHED...
47 FILES SEARCHED...
62 FILES SEARCHED...
L5 816871 APP OR AMYLOID-PRECURSOR-PROTEIN

=> S L5 AND lysine
22 FILES SEARCHED...
47 FILES SEARCHED...
L6 4260 L5 AND LYSINE

=> DUP REM L6
DUPLICATE IS NOT AVAILABLE IN 'ADISINSIGHT, ADISNEWS, BIOCOMMERCE, DGENE,
DRUGMONOG2, FEDRIP, FOREG, GENBANK, IMSPRODUCT, KOSMET, MEDICONF, NUTRACEUT,
PCTGEN, PHAR, PHARMAML, RDISCLOSURE, SYNTHLINE'.
ANSWERS FROM THESE FILES WILL BE CONSIDERED UNIQUE
PROCESSING IS APPROXIMATELY 25% COMPLETE FOR L6
PROCESSING IS APPROXIMATELY 57% COMPLETE FOR L6

PROCESSING IS APPROXIMATELY 82% COMPLETE FOR L6
PROCESSING COMPLETED FOR L6
L7 3640 DUP REM L6 (620 DUPLICATES REMOVED)

=> S L7 AND PY<=1998
'1998' NOT A VALID FIELD CODE
6 FILES SEARCHED...
9 FILES SEARCHED...
12 FILES SEARCHED...
17 FILES SEARCHED...
'1998' NOT A VALID FIELD CODE
28 FILES SEARCHED...
'1998' NOT A VALID FIELD CODE
32 FILES SEARCHED...
'1998' NOT A VALID FIELD CODE
42 FILES SEARCHED...
'1998' NOT A VALID FIELD CODE
46 FILES SEARCHED...
49 FILES SEARCHED...
'1998' NOT A VALID FIELD CODE
56 FILES SEARCHED...
59 FILES SEARCHED...
63 FILES SEARCHED...
L8 1052 L7 AND PY<=1998

=> S L8 AND double lysine
35 FILES SEARCHED...
L9 4 L8 AND DOUBLE LYSINE

=> D L9 1-4

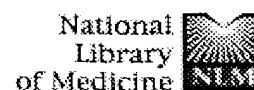
L9 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1995:793974 CAPLUS
DN 123:195058
TI Malfolded cytochrome P-450(M1) localized in unusual membrane structures of
the endoplasmic reticulum in cultured animal cells
AU Ishihara, Naotada; Yamashina, Shohei; Sakaguchi, Masao; Mihara,
Katsuyoshi; Omura, Tsuneo
CS Grad. Sch. Med. Sci., Kyushu Univ., Fukuoka, 812, Japan
SO Journal of Biochemistry (Tokyo) (***1995***), 118(2), 397-404
CODEN: JOBIAO; ISSN: 0021-924X
PB Japanese Biochemical Society
DT Journal
LA English

L9 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1994:648845 CAPLUS
DN 121:248845
TI The transmembrane region of microsomal cytochrome P450 identified as the
endoplasmic reticulum retention signal
AU Murakami, Kazuya; Mihara, Katsuyosi; Omura, Tsuneo
CS Grad. Sch. Med. Sci., Kyushu Univ., Fukuoka, 812, Japan
SO Journal of Biochemistry (Tokyo, Japan) (***1994***), 116(1), 164-75
CODEN: JOBIAO; ISSN: 0021-924X
DT Journal
LA English

L9 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1994:292328 CAPLUS
DN 120:292328
TI A dual role for COOH-terminal ***lysine*** residues in pre-Golgi
retention and endocytosis of ERGIC-53
AU Kappeler, Felix; Itin, Christian; Schindler, Richard; Hauri, Hans Peter
CS Dep. Pharmacol., Biozentrum, Univ. Basel, Basel, CH-4056, Switz.
SO Journal of Biological Chemistry (***1994***), 269(9), 6279-81
CODEN: JBCHA3; ISSN: 0021-9258
DT Journal
LA English

L9 ANSWER 4 OF 4 USPATFULL on STN
AN 1999:92643 USPATFULL
TI Compositions and methods for stimulating amyloid removal in
amyloidogenic diseases using advanced glycosylation endproducts
IN Vitek, Michael P., East Norwich, NY, United States
Cerami, Anthony, Shelter Island, NY, United States
Bucala, Richard J., New York, NY, United States

Ulrich, Peter C., Old Tappan, NJ, United States
 Vlassara, Helen, Shelter Island, NJ, United States
 Zhang, Xini, Jericho, NJ, United States
 PA The Picower Institute For Medical Research, Manhasset, NY, United States
 (U.S. corporation)
 PI US 5935927 19990810
 WO 9520979 19950810 <--
 AI US 1996-501127 19960810 (8)
 WO 1995-US1380 19950202
 19960810 PCT 371 date
 19960810 PCT 102(e) date
 RLI Continuation-in-part of Ser. No. US 1994-311768, filed on 23 Sep 1994,
 now abandoned which is a continuation-in-part of Ser. No. US
 1994-191579, filed on 3 Feb 1994, now abandoned
 DT Utility
 FS Granted
 LN.CNT 2154
 INCL INCLM: 514/012.000
 INCLS: 514/023.000; 514/079.000; 514/091.000; 514/095.000; 514/359.000;
 514/438.000; 514/439.000; 514/443.000; 514/569.000; 514/642.000;
 514/647.000; 548/100.000; 548/121.000; 548/122.000; 530/300.000;
 530/322.000; 536/001.110
 NCL NCLM: 514/012.000
 NCLS: 514/023.000; 514/079.000; 514/091.000; 514/095.000; 514/359.000;
 514/438.000; 514/439.000; 514/443.000; 514/569.000; 514/642.000;
 514/647.000; 530/300.000; 530/322.000; 536/001.110; 548/100.000;
 548/121.000; 548/122.000
 IC [6]
 ICM: A61K038-00
 ICS: A61K031-135; A61K031-70
 EXF 530/300; 530/322; 514/2; 514/647; 514/12; 514/23; 514/569; 514/663;
 514/665; 514/79; 514/91; 514/95; 514/359; 514/438; 514/439; 514/443;
 514/642; 548/100; 548/121; 548/122; 536/1.11
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.
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
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
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
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
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







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

















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


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


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
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
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
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
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
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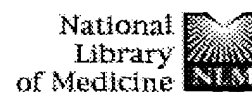
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
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
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
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
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
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